

SCIENCE CURRICULUM MAP



Year 7

Half Term 1

What are we made of?
Cells

Half Term 2

What is everything made
of? Particles

Half Term 3

How do we hear?
Sound

Half Term 4

How do we see?
Light

Half Term 5

How do we get new plants?
Plant Reproduction

Half Term 6

How do we get new
animals?
Animal Reproduction



Year 8

Half Term 1

Classification
Organ systems
Heart & Lungs

Half Term 2

The Digestive system
Respiration and Health
Disease

Half Term 3

Nervous system
Hormones & Fertility
Antibiotics

Half Term 4

Atoms, Elements & Compounds
States of Matter
Diamond & Graphite

Half Term 5

Separating Mixtures
Metals & Alloys

Half Term 6

Ores & Extractions
Reactivity
Polymers



Year 9

Half Term 1

Energy stores
Efficiency
Renewable energy sources

Half Term 2

Effects of forces
Speed
Stopping Distance & Energy

Half Term 3

The structure of matter
Periodic table
Ionic & Covalent bonding

Half Term 4

The variety of life
Biological molecules
Diffusion, osmosis & Active Transport

Half Term 5

Nutrition & Photosynthesis
Gas Exchange
Transport

Half Term 6

Electricity
EM Spectrum



Year 10

Half Term 1

Reactivity
Acids & Alkalis

Half Term 2

Metallic Bonding
Composition of the atmosphere
Periodic table review

Half Term 3

Reproduction
Inheritance

Half Term 4

Ecology
Food chains & Webs

Half Term 5

Distance/speed time graphs
Stellar evolution
Radioactivity

Half Term 6

Magnetism
Electromagnetism



Year 11

Half Term 1

Biological Molecules
Food Production
Genetic Modification

Half Term 2

Organic Chemistry
Alkanes & Alkenes
Crude Oil

Half Term 3

Rates of Reaction
Energetics
Chemical Tests

Half Term 4

Waves
Light and Sound

Half Term 5

Revision & Exams

Half Term 6

Exams

